

FS CHARLOTTE

11000 DWT MOLTEN SULPHUR & BITUMEN TANKER



DESIGN INFORMATION

The sophisticated ship is a single decked, single screw unit with triple bottom and triple skin. The ship is designed for unrestricted navigation and service. No structural element faces the uncoated cargo tanks designed to carry separately molten sulphur and bitumen. The hull form is designed for minimum resistance, overall design provides an environment-friendly, cost-effective, reliable and flexible unit. In the ship that is equipped with a cargo pump room installation, cargo tanks are totally independent from the hull structure and they are carried by special supports and keys. Due to high temperature of the goods loaded, the structure is designed in such a way that the cargo tanks can expand in every direction.



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Service Provided



- ☒ **Piping Systems Production Engineering** : 3D modeling of piping systems and preparation of isometric workshop drawings with material lists
- ☒ **Piping Systems Production & Assembly** : Production and assembly of piping systems in deck, engine room, etc.



Ship Information

Project No : OMG-004
Ship Type : Molten Sulphur & Bitumen Tanker
Owner : Eitzen Group - Norway
Shipyard : Yardimci Gemi Insa A.S. - Turkey
Hull Number : 40
Designer : Delta Marine Co.

Class Society : Bureau Veritas
Class ID : 04897A
IMO Number : 9327504
Class Notation : BV I ✕ HULL ✕ MACHINERY,OIL TANKER
FLASH POINT > 60 C, ASPHALT 250 C TANKER, MOLTEN SULPHUR
TANKER, UNRESTRICTED NAVIGATION, ESP ✕ AUT-MS, AUT-PORT,
MANOVR, AVM-APS, SYS-NEQ, CLEAN SEA, CLEAN AIR,
MON-SHAFT, VCS, CARGO CONTROL, COMF-NOISE, COMF-VIB,
INWATERSURVEY, VERISTAR HULL



Main Dimensions

L_{OA} : 129.00 m
L_{BP} : 123.90 m
B (molded) : 22.00 m
D (molded) : 12.50 m
Draught (design) : 7.80 m
Draught (scantling) : 8.20 m



Tonnage & Capacities

DWT : 12 497 t
Cargo Cap. : 11 092 m³
Crew : 17



Speed & Propulsion System

Design Speed : 14 knots, 85% MCR
Main Engine : MaK 6M43, 1 x 5400 kW, 500 rpm
Propulsion System : ZF Marine, 1 x Kontrol Hatveli Pervane,
4 kanat, 4400 mm, 150 rpm, NiAlBr